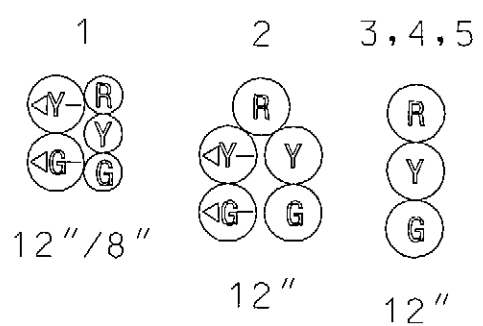
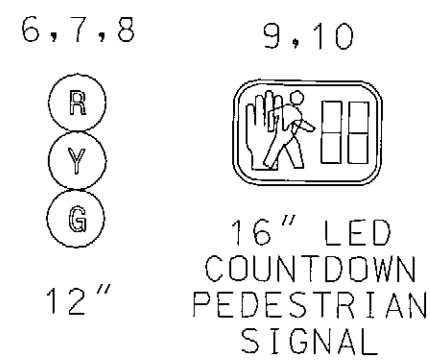


OPOSSUMTOWN PIKE IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION

EXISTING LED SIGNALS TO BE RELOCATED



EXISTING LED SIGNALS TO REMAIN



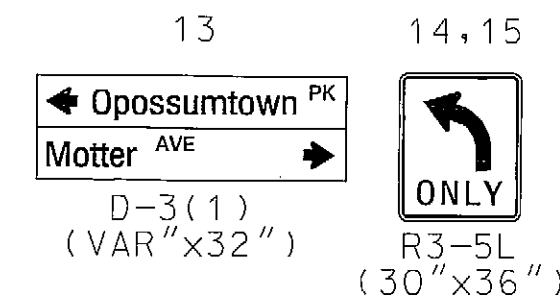
EXISTING VIDEO DETECTION CAMERA TO BE RELOCATED



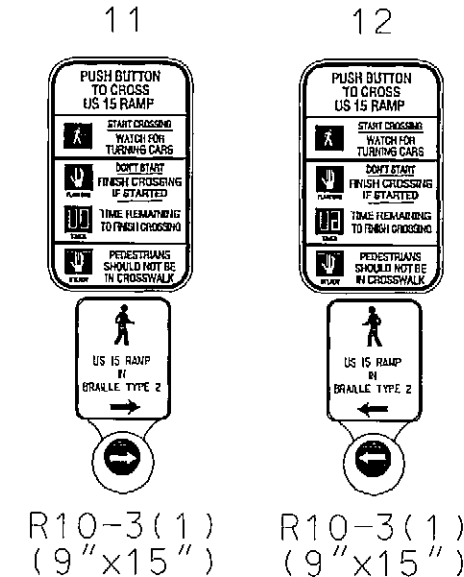
EXISTING VIDEO DETECTION CAMERAS TO BE REALIGNED



EXISTING SIGN TO REMAIN

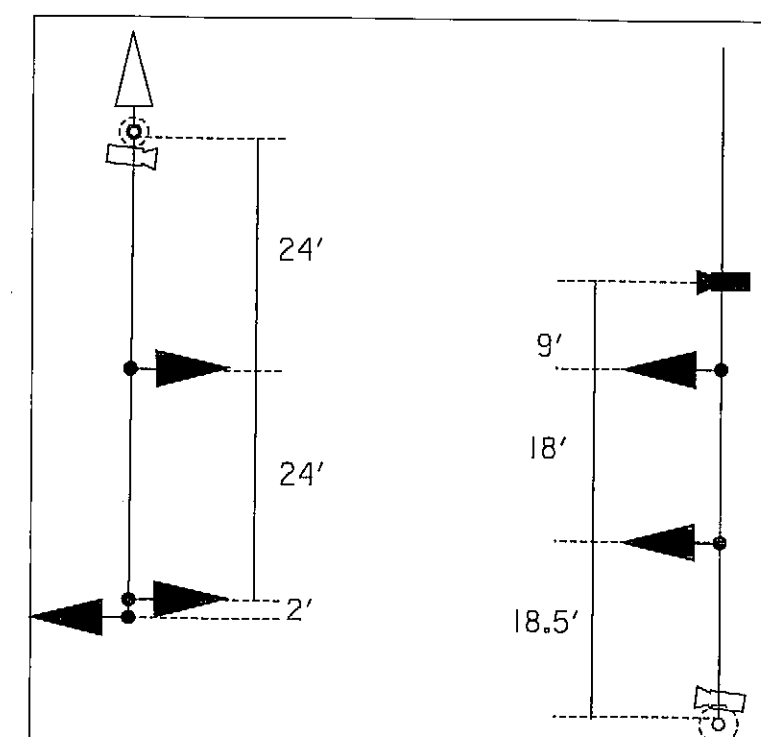


EXISTING ACCESSIBLE PUSHBUTTON AND SIGN TO REMAIN



SHA RIGHT-OF-WAY

PROPOSED SIGNAL EQUIPMENT DETAIL NOT TO SCALE



EQUIPMENT LIST 'A' EQUIPMENT TO BE FURNISHED BY THE SHA.

CATEGORY CODE	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST 'C' EQUIPMENT TO BE REMOVED AND RETURNED TO CITY OF FREDERICK.

CATEGORY CODE	QUANTITY	DESCRIPTION
NONE		

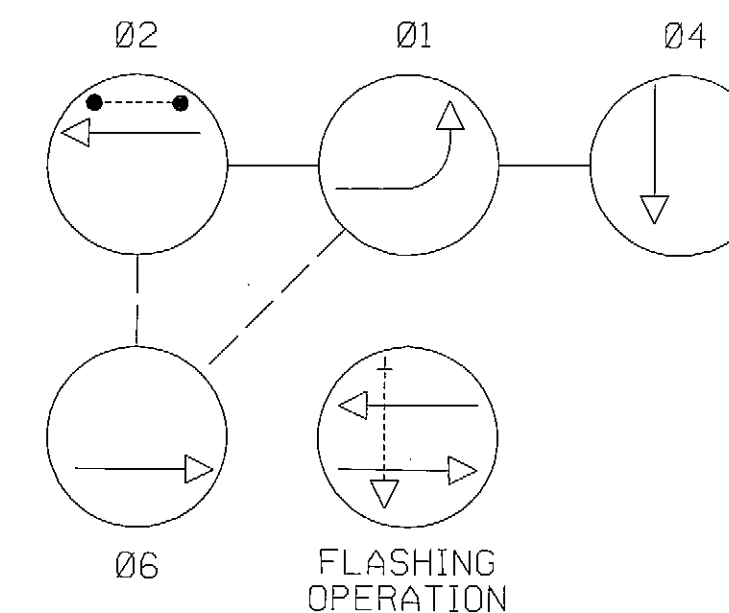
GENERAL NOTES CONTINUED

7. ANY LANE AND/OR ROAD CLOSURES REQUIRE 4 WEEKS ADVANCE NOTICE AND A PERMIT FROM THE CITY OF FREDERICK TRAFFIC ENGINEER. THE CITY TRAFFIC ENGINEER CAN BE REACHED BY PHONE AT 301-600-1498.
8. IF ROAD OR ANY PART OF ROAD IS TO BE CLOSED, A DETAILED DETOUR AND/OR CLOSURE PLAN SHALL BE SUBMITTED TO THE CITY TRAFFIC ENGINEER FOR APPROVAL.
9. THE BAGGING AND UNBAGGING OF SIGNAL EQUIPMENT ON ALL SIGNAL PLANS SHALL BE INCIDENTAL TO THE MAINTENANCE OF TRAFFIC ITEM.

PHASE CHART

PHASE CHART	1	2	3	4	5	6	7	8	9	10
PHASE 2 and 6	G	G	G	G	G	R	R	R	WK	WK
PHASE 2 and 6 CHANGE	G	G	G	Y	Y	R	R	R	FLDW	FLDW
PHASE 1 and 6	+GG	+GG	G	R	R	R	R	R	DW	DW
PHASE 1 and 6 CHANGE	+YY	+YY	Y	R	R	R	R	R	DW	DW
PHASE 4	R	R	R	R	R	G	G	G	DW	DW
PHASE 4 CHANGE	R	R	R	R	R	Y	Y	Y	DW	DW
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLR	FLR	FLR	DARK	DARK

NEMA PHASING



- PHASING NOTES:
1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE
  2. PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

PROJECT DESCRIPTION

GENERAL

THIS PORTION OF THE PROJECT INVOLVES MODIFICATIONS TO THE TRAFFIC SIGNAL AT THE INTERSECTION OF MOTTER AVE/OPOSSUMTOWN PIKE AT THE SOUTHBOUND US 15 RAMP FOR STAGE 4 MOT. MOTTER AVE/OPOSSUMTOWN PIKE IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL CONTINUE TO OPERATE IN A FOUR PHASE, FULL-TRAFFIC-ACTUATED MODE. THE EXISTING LAG WESTBOUND LEFT TURN EXCLUSIVE/PERMISSIVE PHASING WILL REMAIN.

CONTROLLER REQUIREMENTS

THE EXISTING CONTROLLER AND ASSOCIATED EQUIPMENT SHALL REMAIN FROM STAGE 1 CONSTRUCTION.

PROPOSED RIGHT OF WAY

EX. RIGHT OF WAY

OPOSSUMTOWN PIKE (EBR)

MOTTER AVENUE (WBR)

EX. TRANSFORMER NO. UNKNOWN

EX. IC TO OPOSSUMTOWN PIKE AT ROSE HILL PLAZA TO THOMAS JOHNSON DRIVE

WORK AREA STAGE 4 MOT



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
SOUTHBOUND US 15 RAMP AT MOTTER AVE/OPOSSUMTOWN PIKE  
MOT STAGE 4

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20'. ADVERTISED DATE FEB. 9, 2004. CONTRACT NO. \_\_\_\_\_  
DESIGNED BY \_\_\_\_\_ COUNTY FREDERICK  
DRAWN BY T. ZAYDEL LOGMILE 10001514.60  
CHECKED BY K. SCHMID TMS NO. \_\_\_\_\_  
F.A.P. NO. SEE TITLE SHEET TOD NO. \_\_\_\_\_  
TS NO. 4254A3 DRAWING SG-09 OF 21 SHEET NO. OF

STV Incorporated  
7125 Ambassador Road, Suite 200  
Baltimore, MD 21244  
www.stvinc.com

TRAFFIC FLOW ARROWS

UTILITY LEGEND

E	E	ELECTRIC CABLES	SD	SD	STORM DRAIN
A	A	AERIAL CABLES	G	G	GAS MAIN
T	T	TELEPHONE CABLES	W	W	WATER MAIN
F	F	FIBER-OPTIC	S	S	SEWER MAIN

GEOMETRIC LEGEND

PROPOSED
EXISTING

BY: youngsd

PLOTTED: Thursday, August 10, 2011 AT 10:52 AM  
FILE: L:\PROJECTS\4014265\4014265\_003\Drawings\TRA\009\_PSG-F006\_Motter.dgn